



RICK SNYDER
GOVERNOR


STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

BRIAN J. WHISTON
STATE SUPERINTENDENT

July 24, 2015

MEMORANDUM

TO: State Board of Education

FROM: Brian J. Whiston, Chairman 

SUBJECT: Approval of Criteria for Michigan STEM Partnership

The Michigan Legislature has allocated an amount not to exceed \$100,000 for 2015-2016 to be distributed in a form and manner determined by the Michigan Department of Education to the Michigan Science, Technology, Engineering, and Mathematics (STEM) Partnership. The money is to be used for developing, implementing, and evaluating a competitive grant process.

An additional \$375,000 is appropriated for competitive grants to conduct student-focused, project-based programs and competitions either in the classroom or extracurricular, in science, technology, engineering, and mathematics subjects.

It is recommended that the State Board of Education approve the Criteria for Michigan STEM Partnership, as attached to the Superintendent's memorandum dated July 24, 2015.

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MICHIGAN STATE BOARD OF EDUCATION

Criteria for Michigan STEM Partnership

The State Board of Education has adopted as its mission "All students graduate ready for careers, college, and community."

To the extent possible, all grant criteria and grant awards will serve to further attain the above goal.

SBE MISSION, POLICIES, AND PROGRAMS THAT THESE CRITERIA SUPPORT

This grant supports the State Board's mission by providing programs and competitions that will provide students with opportunities to learn in a project-based setting, utilizing the technologies and skills necessary for success in the 21st Century.

PURPOSE / BACKGROUND OF GRANT

Type of Grant Program:

- | | | |
|--------------------------------------|---|----------------------------------|
| <input type="checkbox"/> New | <input checked="" type="checkbox"/> Continuing | <input type="checkbox"/> Formula |
| <input type="checkbox"/> Competitive | <input checked="" type="checkbox"/> Designated in Legislation or MDE Proposal | |

This grant will support the Michigan Science, Technology, Engineering, and Mathematics (STEM) Partnership's work to connect and coordinate partners from across disciplines and the state to develop and nurture a skilled and educated workforce that will address the urgent needs of our state and nation. Through the creation of an environment that fosters innovation, this network of partners is working to attract, create, and sustain jobs in Michigan. This statewide network is comprised of five regional communities defined by geography, economic sectors, and current distribution of STEM resources. Within each community, community partners and stakeholders will work together to build local STEM capacity. The hub of each regional community is a Math/Science Center.

These grant funds will:

- Contribute \$100,000 to the Michigan STEM Partnership to administer a competitive grant process.
- Provide up to \$375,000 for competitive grants to award organizations to conduct student-focused, project-based programs and competitions, either in the classroom or extracurricular, in science, technology, engineering, and mathematics subjects such as, but not limited to, robotics, coding, and design-build-test projects from pre-kindergarten through college level.
- Connect math and science centers for science, technology, engineering and mathematics purposes and to support the goals of the Michigan STEM Partnership.

CRITERIA

Date criteria were last approved: 09/09/2014

Source of Criteria:

☐ A. Federal Law, Rules or Regulation

☒ B. State Law or Rules

☒ C. Proposed by Staff

☐ D. Defined in MDE's Approved Grant Proposal to the Funder

A sub-award will be provided to a fiscal agent to perform the following tasks:

- Administer a competitive grant process to fund organizations conducting student-focused, project-based programs and competitions (State Law).
- Connect math and science centers for science, technology, engineering, and mathematics purposes to support the goals of the Michigan STEM Partnership (State Law).
- Ensure that a program receiving funds under section 99h is not receiving funds under this subsection (State Law).
- Provide at least a 10percent local match from local public or private resources for the funds to be received (State law).
- Ensure that preference is given to projects aimed at closing achievement gaps (Proposed by Staff).

ELIGIBLE APPLICANTS AND TARGET POPULATION SERVED

- An eligible applicant is a fiscal agent of the Michigan STEM Partnership.
- The target populations are organizations conducting student-focused, project-based programs and competitions, either in the classroom or extracurricular, in science, technology, engineering, and mathematics subjects such as, but not limited to, robotics, coding, and design-build-test projects for schools with achievement gaps from pre-kindergarten through college level.

TOTAL FUNDS AVAILABLE

\$475,000:

- \$100,000 to the Michigan STEM Partnership for administration of the grant process
- \$375,000 for awards for competitive grant funds

STATUTE

General Funds from School Aid: Section 99s(4) of P.A. 85 of 2015

OFFICE ADMINISTERING GRANT / PROGRAM CONTACT

Office of Education Improvement and Innovation:

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